TABLE OF CONTENTS

VOLUME 39

Volume 39, Number 1, 1992

Том 55, № 4, 1991

A. Yu. Veretennikov, On large deviations in the averaging principle for stochastic differential equations with periodic coefficients. II 677

V. A. Krasnov, Characteristic classes of vector bundles on a real algebraic variety 703

A. T. Fomenko, A bordism theory for integrable nondegenerate Hamiltonian systems with two degrees of freedom. A new topological invariant of higher-dimensional integrable systems 731

A. Yu. Khrennikov, Generalized functions and Gaussian path integrals over non-Archimedean function spaces 761

I. I. Golichev, The method of function of an operator, and iterative processes in some optimal control problems 795

V. D. Golovin, Criteria for holomorphic completeness 817

V. A. Kolyvagin and D. Yu. Logachëv, Finiteness of *Ш* over totally real fields .. 829

S. G. Tankeev, Kuga-Satake abelian varieties and l-adic representations 855

V. I. Trofimov, Graphs with projective suborbits 869

G. M. Tomanov, On the reduced norm 1 group of a division algebra over a global field 895

Volume 39, Number 2, 1992

Том 55, № 5, 1991

S. I. Adyan and I. G. Lysënok, On groups all of whose proper subgroups are finite cyclic 905

O. I. Bogoyavlenskiĭ, Breaking solitons. VI. Extension of systems of hydrodynamic type 959

A. G. Zavadskiĭ, Differentiation algorithm and classification of representations 975

Yu. F. Korobeĭnik, Description of the general form of nontrivial expansions of zero in exponentials. Applications 1013

A. P. Soldatov, A function theory method in boundary value problems in the plane. I: The smooth case 1033

B. N. Khabibullin, Sets of uniqueness in spaces of entire functions of a single variable 1063

O. V. Odinokov, Differential operators of infinite order with symbols of Gevrey class 1085

Volume 39, Number 3, 1992

Том 55, № 6, 1991

Yu. N. Drozhzhinov and B. I. Zav'yalov, Multidimensional Tauberian comparison theorems for holomorphic functions of bounded argument 1097

M. I. D'yachenko, Piecewise monotonic functions of several variables and a theorem of Hardy and Littlewood 1113

A. S. Krivosheev, On the uniqueness of supports of analytic functionals 1129

N. G. Kruzhilin, Two-dimensional spheres in the boundaries of strictly pseudoconvex domains in C^2 1151

N. M. Timofeev, Multiplicative functions on the set of shifted prime numbers 1189

A. Yu. Khrennikov, Generalized functions on a non-Archimedean superspace 1209

D. Fofana, An integrable system extending the Korteweg-de Vries equation 1239

T. V. Red'kina, Some properties of the complexification of the KdV equation 1251

A. N. Kochubeĭ, Parabolic equations over the field of p-adic numbers 1263

V. A. Voevodskiĭ, Galois representations connected with hyperbolic curves 1281

Correction to Volume 39, Number 1 1293